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FORM**

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		Application Number	10/656,668
		Filing Date	September 4, 2003
		First Named Inventor	Bomy Chen
		Art Unit	2814
		Examiner Name	Long Pham
Total Number of Pages in This Submission	11	Attorney Docket Number	2102397-992670

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return postcard
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Or Individual name	Alan A. Limbach, Reg. No. 39,749 Gray Cary Ware & Freidenrich LLP
Signature	
Date	September 21, 2004

CERTIFICATE OF TRANSMISSION/MAILING

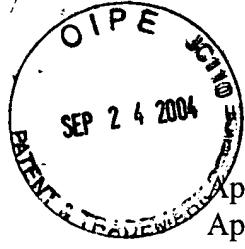
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Typed or printed name	Kathleen LaBrie		
Signature		Date	September 21, 2004

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IFW



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 10/656,668
 Applicant : Bomy Chen
 Filed : September 4, 2003
 TC/A.U. : 2814
 Examiner : Long Pham
 Title : MEMORY DEVICE WITH DISCRETE LAYERS OF PHASE
 CHANGE MEMORY MATERIAL
 (as amended herein)
 Docket No. : 2102397-992670
 Customer No. : 26379

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on September 21, 2004.

GRAY CARY WARE & FREIDENRICH Date: 09/21/04

By: Kathleen LaBrie
Kathleen LaBrie

RESPONSE TO OFFICE ACTION OF AUGUST 31, 2004

Sir:

In response to the Office Action of August 31, 2004, please amend the above identified application as follows:

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 9 of this paper.